

Date: Tue, 16 Feb 93 17:37:39 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #220  
To: Info-Hams

## Today's Topics:

73s (Not 73)  
Aiport id's. was: Mysterious MF/LF CW signals  
ARRL Insurance  
bench tools  
dualbander mods and model opinions  
FAQ? New Ham Help...  
Grace DSP-12 vs. AEA DSP-1232 ? Opinions?  
INVALID htx-202 modification  
Looking for info on the Kenwood TS50-S rig  
Mods for IC-22S  
Need Help from Colorado Ham  
Need help tuning TS690S  
Need info on old AEA CP-1 RTTY Decoder  
NOS, NNTP, PC Pnews, and posting  
Question about QSL information  
UPDATE: MOD for 800MHz RX on DJ-560!  
Updates for CT Country List

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 16 Feb 1993 21:16:54 GMT  
From: sdd.hp.com!hp-cv!hp-pcd!hpspkla!dubner@network.UCSD.EDU  
Subject: 73s (Not 73)  
To: info-hams@ucsd.edu

.. (emeinfel@gmu.vax2.gmu.edu) wrote:

: dubner@spk.hp.com (Joe Dubner) wrote:  
: > Have you ever noticed the ingenious excuses that a ham will use  
: >when he wants to terminate a QSO. Rather than hurt the QSOee's feelings  
: >by saying he'd rather read yesterday's newspaper than continue the QSO  
: >any longer, a ham will find some "crisis" needing his attention. Even on  
: >packet among locals, this B.S. keeps on flowing! Here are some genuine,  
: >over-the-air reasons for signing off. [The comments in the square  
: >brackets are mine.]  
:  
: Why do you care?  
:  
: Jim  
: N3EOV

Ah, yes -- I neglected to include this in my original posting:

: -) : -) : -) : -) : -) : -) (for the humor impaired)

Believe it or not, I've even had E-mail on the subject. Sheesh!

73,  
Joe, K7JD

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-----  
Joe Dubner K7JD | Hewlett-Packard Company | dubner@spk.HP.COM  
| PO Box 2500 M.S. 2I |  
| Spokane, WA 99220-2500 | (509) 921-3514  
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Date: Tue, 16 Feb 1993 23:20:38 GMT  
From: usc!sdd.hp.com!swrinde!ringer!lonestar.utsa.edu!dlaro@network.UCSD.EDU  
Subject: Airport id's. was: Mysterious MF/LF CW signals  
To: info-hams@ucsd.edu

In article <930216085758.0000166b.peter@lu-maxlab.maxlab.lu.se>  
Peter.Rojsel@maxlab.lu.SE (Peter Rojsel) writes:  
>The signals you heard are airport identification signals for the airplanes.  
>They just as you say consist of three letter codes.  
>Perhaps someone can tell how the lettering system works. There seems to be  
>something like the three letters on your luggage tag you get when checking  
>in your luggage.  
>  
>Peter, SM7LEK, <Peter@maxlab.lu.se> "And GOD said: E=mc\*\*2 and there was light"

Well, I'm not an expert, but I am a pilot. The ID's actually may not identify \*airports\* but do indeed identify navigational devices. For example, near my home city, San Antonio, the Airport identifier is "SAT". There is a navigational device, transmitter which produces signals used by pilots for direction, which has the same three letter code, "SAT". Most airports do have navigational devices, facilities, whatever, which carry the same code as the airport. However, there are navigational devices which may NOT be located \*at\* an air terminal, say, halfway between Pudunk and Nowhere, Tx. They also have a three letter identifier. Since you must tune your navigational receiver (NAV RCVR) to that station, the signal lets you know that you're hearing the right station. (You know, like tune to 116.8, hear the code S-A-T, and watch your indicator spin around to show "250"-- kinda tells you what heading you should fly if you want to get to SAT.)

Those are one type of station, VOR, which actually tell you what your ground position is in relation to the station. Others are DF (direction finding) stations (these include broadcast radio stations) which tell you where the station is in relation to your aircraft "heading". (entirely different things. Both help!)

Some may use Morse code identifiers, others may use voice identifiers. ?? not much difference since the Morse code is printed in dits and dahs right on the pilot's sectional charts... He just reads ... .- - and knows!

By the way, pilots use charts which identify the codes, so they will know that if they fly toward "SAT"station, this will get them within X miles of the SAT airport. After that, those pilots flying under visual rules are sort of on their own. (after all, who wants a blind pilot flying them somewhere: these guys must be able to figure out \*something\* for themselves.)

For pilots operating under instrument rules, there are still more devices which they use to locate the little concrete strip they're hunting.

Hope this helps. It's been a few years since I've done much flying. The entire system may have changed by now. (unlikely, tho.)

73,  
David KB5NZ

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Date: 16 Feb 93 22:45:09 GMT  
From: swrinde!gatech!darwin.sura.net!newsserver.jvnc.net!netnews.upenn.edu!  
mipg.upenn.edu!yee@network.UCSD.EDU  
Subject: ARRL Insurance  
To: info-hams@ucsd.edu

A couple of weeks ago, I saw a post or two about the ARRL affiliated

insurance program. If I recall correctly, the response was rather encouraging; most seemed to think that the insurance program was a good one.

I do, however, have a couple of questions. I have recently obtained some of the advertising for the program and there are a couple of points which worry me.

The brochure say, "Sales receipts for the replaced equipment are required before payment is made unless waived." Well, this would be appropriate for new equipment for which it is possible to buy replacement items but what about discontinued equipment. Much of the stuff I own is older discontinued ham gear. Furthermore, what happens if for some reason I insure it and then there is a price hike?

--  
411 Blockley Hall | Conway Yee, N2JWQ  
418 Service Drive | yee@ming.mipg.upenn.edu (preferred)  
Philadelphia, PA 19104 | cy5@cunixa.cc.columbia.edu (forwarded to above)  
(215) 662-6780 |

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Date: 16 Feb 1993 17:00:05 GMT  
From: usc!howland.reston.ans.net!gatech!news.byu.edu!hamblin.math.byu.edu!  
usenet@network.UCSD.EDU  
Subject: bench tools  
To: info-hams@ucsd.edu

I am looking for a fair bench tools....complete.  
Is there any place I can get them in fair in price. What should I look for in  
order to find a good tools in general.

How much does TS-520s w/ cw filter and digital display would worth?  
Where can I find a good antenna for HF rig?

thnx

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Date: Tue, 16 Feb 93 00:01:34 EST  
From: anomaly.sbs.com!n1mpq!system@uunet.uu.net  
Subject: dualbander mods and model opinions  
To: info-hams@ucsd.edu

mitchf@netcom.com (Mitchell Faatz) writes:

> I've checked ucsd.edu and didn't see any radio mods, so here goes:  
>  
> I'm looking at several dualband radios and am interested in getting one  
> that covers the aviation bands. The Kenwood TM-732A and TM-741 will  
> cover them as is, but I'm also interested in  
> - Yaesu FT-5100  
> - Alinco DR-600  
> - Icom 3230  
>  
> Has anyone seen mods for these radios to cover the aviation bands?  
>  
> Also, any feedback on any of the above models would be greatly appreciated.  
> Crossband repeater functionality and low intermod is important to me.  
>  
> Thanks - Mitch (KC6VNF) mitchf@netcom.com  
>  
>  
> 0/ Cut here  
> -----Q\  
> --  
>  
>  
>  
>  
>  
>  
> 0/ Cut here  
> -----Q\  
>  
> Mitch, Super Dude. "Go stick your head in a pig."  
> -----

Get the Alinco DR-600. It's worth the extra \$30 bucks over the Yaesu. I've had nothing but trouble with my 5100.... :(

Tony

```
-- Tony Pelliccio, N1MPQ/AA          // Why do some hams run 20mW  //
-- god @ garlic.sbs.com           // into a stub-ducky in a car  //
-----// and wonder why they can't  //
-- And for those wondering:      // hit a repeater?          //
-- Yes I AM flame retardent!      -----
-- #include ASBESTOS_UNDERWEAR ON -- Soon a 2x2 call      --
-----
```

-----  
Date: 16 Feb 93 22:25:06 GMT  
From: noao!ncar!gatech!taco!djbarnes@arizona.edu  
Subject: FAQ? New Ham Help...  
To: info-hams@ucsd.edu

Well, not a new ham, yet. Looking for people in the Raleigh, NC, area who are hams and can give me info on test locations and book availability to study for the test.

Also would like to know where the FAQ is for this group.

Any help would be appreciated.....

\*\*\*\*\*  
|  
Donald Barnes | "You can think about it, but don't  
djbarnes@eos.ncsu.edu | do it."--Smokey  
N.C. State University |  
|  
\*\*\*\*\*  
-----

Date: Tue, 16 Feb 1993 20:33:47 GMT  
From: usc!howland.reston.ans.net!news.ans.net!newsgate.watson.ibm.com!yktnews!  
admin!kingbee!uri@network.UCSD.EDU  
Subject: Grace DSP-12 vs. AEA DSP-1232 ? Opinions?  
To: info-hams@ucsd.edu

So, what is it? There's only ONE user of AEA DSP-[12]232  
(who's more-or-less satisfied with his unit), and NONE  
of Grace DSP-12 users [on the Net]?

No comparison whatsoever?

[Yeah, I guess people are too busy arguing, whether the world  
institutions they have no control over, should abandon CW :-].

--  
Regards,  
Uri. uri@watson.ibm.com scifi!angmar!uri

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<Disclaimer>  
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Date: 16 Feb 93 21:00:14 GMT  
From: sun-barr!olivea!gossip.pyramid.com!pyramid!infmx!seashore!randall@ames.arpas  
Subject: INVALID htx-202 modification  
To: info-hams@ucsd.edu

I have received information that a modification for the  
Radio Shack HTX-202 2m HT is not valid. The modification  
appears in the following publication:

-Radio/Tech Modifications-, Volume 5, published by Artsci

This book has a black cover and is sold by various ham radio  
stores. This calls into question the credibility of this  
entire book.

Here is specific information on the mod:

: The recent volume (5a) of -Radio/Tech Modifications- by Artsci  
: does not talk about R33. It does have this mod:  
:  
: 1) Remove power and antenna  
: 2) Remove screws, open case  
: 3) Locate and remove R55 (RX Mod 118-174 MHz)  
: 4) Locate R77, R123, and R124  
: 5) Add a jumper from R77 to R123-R124 (TX mod)  
: 6) Reassemble the radio

This is nonsense, as a quick look at the schematic contained in the  
rear of the user manual for this rig will show. R55 goes to one side of  
the power switch (the 5 watt side). Its removal will make high power  
mode non-functional. As for the other parts mentioned ... they don't  
even exist.

There continues to be this  
loop of misinformation about mods to this rig ... both here on the net  
and on packet. There are \*no\* mods! Period. However the rig is a very  
fine performer for a simple 2 meter rig. Intermod rejection is very  
good. I use mine for base, mobile and packet operations. But it will  
never do anything other than 2 meter amateur radio.

--  
-= Brad Fisher =- (PPSEL) I'm just | Micro Maintenance, Inc.  
usenet: brad@microm.tnet.com a | 2465 W. 12th St. #6  
-or-...!asuva!ennews!telesys!microm!brad wanna be | Tempe, Arizona 85281  
packet: N7XSS@KC7Y.AZ.USA.NA UNIX guru! | 602/894-5526

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Date: Tue, 16 Feb 1993 21:58:22 GMT  
From: swrinde!sdd.hp.com!hp-cv!hp-pcd!hpcvra!gregm@network.UCSD.EDU  
Subject: Looking for info on the Kenwood TS50-S rig  
To: info-hams@ucsd.edu

AES apparently just received three and one's gone. No information from them or from Kenwood. Kenwood has not received their literature yet.

Another outlet had three and all are gone now.  
Is there anyone who has touched one out there?  
What's the word?

Greg May

Date: Tue, 16 Feb 1993 22:09:03 GMT  
From: usc!howland.reston.ans.net!gatech!willis1.cis.uab.edu!  
gila005%uab.dpo.uab.edu@network.UCSD.EDU  
Subject: Mods for IC-22S  
To: info-hams@ucsd.edu

I was looking for references for mods to the icom IC-22S so that I could modify one to packet frequencies. Unfortunately, I could not find any references in the local libraries Applied Science and technology Index. It seems that 73 is not followed by the index, but some local hams had indicated there were a number of articles in the 70's about mods to the IC-22S.

I would appreciate getting a few references to articles that discussed modifications to the IC-22S. I am considering recrystallizing versus creating a new PLL board, so if there is any information about crystal load parameters or any articles that did modify or replace the PLL board I would be most interested.

Thanks in advance,  
Steve Holland, KD4TTC, also KD4TTC @ W4CUE (Birmingham, AL)

Date: 16 Feb 1993 17:40:25 GMT  
From: sdd.hp.com!col.hp.com!bobw@network.UCSD.EDU  
Subject: Need Help from Colorado Ham  
To: info-hams@ucsd.edu

dlaro@lonestar.utsa.edu (David O. Laro) writes:  
> Hi: Looking through the new Repeater Directory today, I noticed that the  
> VHF and UHF repeaters listed in Colorado begin with about 7 or 8 repeaters  
> listed under a common indicator, "STATEWIDE"....  
>  
> Wonder, are those usable to "street" amateurs or they mostly just experimental  
> stations?  
>  
> Anybody know the straight skinny on these "statewide repeaters?"  
>  
> 73,  
> David KB5NZ  
> (and if you have some help, please use: dlaro@lonestar.utsa.edu)  
>  
These are "Shared Non protected Pairs" used statewide. That is,  
anybody can put up a repeater on these pairs without specific  
coordination as long as some sort of tone access is used to  
prevent interference. They are not a statewide network of repeaters.

Bob KB0CY

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Date: 16 Feb 93 14:30:19 GMT  
From: sdd.hp.com!ncr-sd!ncrcae!ncrhubb!ncrclm!tskelton@network.UCSD.EDU  
Subject: Need help tuning TS690S  
To: info-hams@ucsd.edu

In article <9302150828.AA01312@abel> dit@maths.aberdeen.ac.UK (David Tock)  
writes:  
>I have a Kenwood TS690S. In different places, the spec for ht receiver is  
>given as 500KHz-30Mhz and 50MHz-54Mhz, and also as 500KHz-54MHz. The bottom  
>end may be wrong - it does not really matter.  
>  
>I have in the past listened between 30 and 50 MHz (specifically to the  
>baby monitor we use, somewhere near 48-49MHz), but now I can not get the  
>receiver to tune anywhere in the 30-50 range - it always jumps past.  
>  
>Does anyone knowwhat has changed, or what I am doing wrong. I have tried  
>manual tuning, scanning, direct frequency entry etc etc.  
>  
>Any and all help appreciated. Thanks...

>  
> -----  
> David Tock, Mathematical Sciences, University of Aberdeen, Scotland  
> e-mail: dit@uk.ac.aberdeen.maths ham: GM0SYA packet: @gb7cqv  
> -----

Suggestions:

1. Telephone (yes, expensive from Scotland) or use the Kenwood BBS...maybe they can help. Or, in the infamous words of Wayne (Wayne's World): when monkeys fly out of my butt.
2. Do a microprocessor reset. The manual has a section on how to do this...I am at work and can't quote chapter/verse.
3. Check the 20 or so power-up option settings. One of them may disable the 30 - 50 MHz receive.

I'm sorry to hear about your problem. I have a TS690S and have enjoyed it after the initial radio (freq readout failed after a day) was replaced. Hope I don't have more trouble looming....

73, Tom WB4IUX

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-----  
Date: Tue, 16 Feb 1993 21:19:08 GMT  
From: coplex!dannie@uunet.uu.net  
Subject: Need info on old AEA CP-1 RTTY Decoder  
To: info-hams@ucsd.edu

I have happened upon an old AEA CP-1 RTTY decoder. However, it is made for a Commodore 64 -- it has a TTL output port. This is also a slot for an RS-232 connector, but it and a couple of chips are missing from the circuit board.

Does anyone have any info on adding an RS-232 port to this thing?  
Thanks.

Dannie J. Gregoire (KD4HGI)  
dannie@coplex.com

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Date: 16 Feb 93 18:18:20 GMT  
From: swrinde!zaphod.mps.ohio-state.edu!uwm.edu!ogicse!flop.ENGR.ORST.EDU!  
gaia.ucs.orst.edu!umn.edu!csus.edu!csusac!usenet@network.UCSD.EDU  
Subject: NOS, NNTP, PC Pnews, and posting  
To: info-hams@ucsd.edu

I have Phils latest version compiled with NNTP (gee, I wish it had POP).

I picked-up a copy of pnews for the PC and it works nice. I just haven't seen any mention of NOS NNTP knowing how to send news postings. Can it ? Do I need to set anything ?

What's da scoop ? :)

Chuck Bland - n6dbt  
chuckb@babbage.ecs.csus.edu

--

My sig file

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Date: 16 Feb 93 14:38:59 GMT  
From: sdd.hp.com!ncr-sd!ncrcae!ncrhub2!ncrclm!tskelton@network.UCSD.EDU  
Subject: Question about QSL information  
To: info-hams@ucsd.edu

In article <1993Feb15.174353.20997@sequent.com> dale@sequent.com (Dale Mosby) writes:

>I have a question about sending QSL cards and indicating the  
>frequency used. On my cards I write down the actual frequency  
>which I know is fine. How about just indicating the band used?

stuff deleted

>I know people go after things like worked all states on the 15 meter  
>band. So I'm guessing a card with 21 MHZ checked is fine as a  
>confirmation. Is there any need to indicate the what frequency  
>we really used was or is indicating just the band sufficient?

>

>Thanks for comments.

>

>73, Dale.

Yes, just clearly mark the QSL with either 21 MHz or 15 meters and the mode, and all will be well. I can't think of any award that would not be met by this criteria.

73, Tom WB4IUX

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Date: 16 Feb 93 20:01:03 GMT

From: dziuxsolim.rutgers.edu!clam.rutgers.edu!steuer@uunet.uu.net  
Subject: UPDATE: MOD for 800MHz RX on DJ-560!  
To: info-hams@ucsd.edu

Here is the mod for the DJ-560. I haven't had my friend try it yet, but thanks anyway to Kevin Jessup for supplying the information!!

There is NO mod required to do crossband repeat. It is a standard feature. If crossband repeat operates on the 800 MHz band (after the modification), that is another matter!

Performing the aircraft mod (as described in the back of the owners manual, also gets you 800 Mhz).

BTW, cutting the RED jumper provides AIRCRAFT and 800 MHz. Cutting the BLUE wire provides out of band transmit (but NO guarantees that performance will be within amateur band specs).

To enable 800 MHz, press the UHF key 3 times (to guarantee that you are in UHF VFO mode). Then press the function key (keep it held down) and then press UHF.

Have fun!

--

Kevin Jessup, kevin.jessup@mixcom.mixcom.com

"Friends don't let friends run DOS."  
-- Microware

Thanks Again Kevin! Rob KF2EK

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Date: 16 Feb 93 20:11:44 GMT  
From: sdd.hp.com!ncr-sd!ncrcae!ncrhub2!ncrclm!tskelton@network.UCSD.EDU  
Subject: Updates for CT Country List  
To: info-hams@ucsd.edu

In article <lo20acINN349@news.bbn.com> brosen@bbn.com writes:  
>With all the recent political changes in the Balkans, I believe the COUNTRY  
>list for the CT contest program needs to be updated. I would appreciate  
>someone's posting the changes required to bring the CT COUNTRY list up to  
>date.  
>  
>Thanks in advance.  
>

>Bruce (brosen@bbn.com)  
>K1FFX

Here you go Bruce:

1. Based on DXAC recommendation and approval by ARRL, add the following countries to your \*.cty\* files:

9A Croatia  
4N,YU4 Bosnia  
S5 Slovenia

2. Based on ARRL Bulletin \*can't remember the number\*, add the following for the ARRL DX contests coming up:

OK,OL Czech  
OM Slovakia

3. Delete the reference to OK Czechoslovakia

73 and GL...Tom WB4IUX

ps: Do not delete YU Yugoslavia and do not add YU5,4N5  
Macedonia yet.

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Date: Tue, 16 Feb 1993 17:51:18 GMT  
From: pacbell.com!att-out!cbnewsd!cbnewsc!k9jma@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1loasjINNjrv@usenet.INS.CWRU.Edu>,  
<1993Feb16.155906.9387@cbnewsc.cb.att.com>,  
<1993Feb16.163738.2989@porthos.cc.bellcore.com>  
Subject : Re: Converter circuit ban is unenforceable

In article <1993Feb16.163738.2989@porthos.cc.bellcore.com>  
whs70@dancer.cc.bellcore.com (sohl,william h) writes:

.....some deleted.....

>>to make possession of any of them evidence of a crime so the gov't can  
>>control people who use them: "Your Honor, this diode could be used to  
>>manufacture an illegal converter!"

>

>The new law does NOT make possession (by an individual) in any way  
>a crime. The new law is only directed at the future design, manufacture  
>and importation of scanners. (That doesn't mean I like it)

True, but possession of components may be used either as evidence of the  
crime of manufacture or of intent to manufacture. Possession isn't the  
crime (illegal itself) - it may be used as evidence of the crime.

.....irrelevant stuff deleted.....

>>gov't and media snoops will want them. What we need is a provision that  
>>allows manufacturers of (non type accepted, otherwise illegal to sell)  
>>equipment to sell to licensed amateurs as well as to gov't, media and  
>>whoever else is permitted to buy. We should probably also ask for  
>>provisions in the rules for personally constructed gear in ham stations  
>>like the present exemptions for homebrew 10 Meter amplifiers.

>

>Nothing in the new scanner ban prohibits individuals from constructing  
>their own scanner equipment. So, if you've got the ability to do so,  
>go right ahead. Electronic experimenters have been making their  
>own electrical projects for years. Type acceptance is strictly a function  
>of commercially available equipment.

Not quite. Type acceptance is required for \_sale\_ of \_any\_specified\_  
(TX or RX) equipment with some defined exceptions. So suppose I want to  
sell my rig (including a RX that scans and covers cellfreqs) to someone else.  
I can sell my homebrew 10 Meter amplifier only because the rules specifically  
allow this. We (will now) need the same dispensation for receiving equipment.

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Ed Schaefer K9JMA

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End of Info-Hams Digest V93 #220

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